

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 06-314920

(43)Date of publication of application : 08.11.1994

(51)Int.Cl.

H01Q 1/24

H01Q 1/50

(21)Application number : 05-123193

(71)Applicant : CASIO COMPUT CO LTD

(22)Date of filing : 28.04.1993

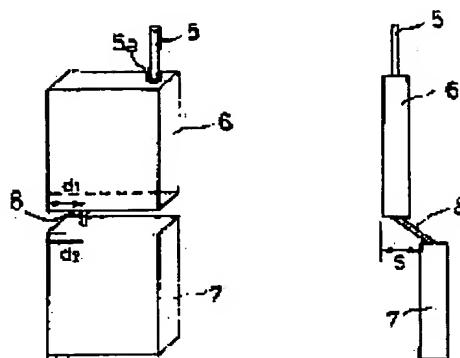
(72)Inventor : HIROSE MASANOBU

(54) ANTENNA SYSTEM

(57)Abstract:

PURPOSE: To obtain the antenna system having a high gain in a desired direction and not requiring to manufacture various conductor cases or the like in response to the operating frequency without limiting a lateral length of the conductor case or the conductor plate by providing one or plural conductor cases in addition to a main conductor case or the like in which the antenna is installed and connecting the conductor cases with a passive element.

CONSTITUTION: The antenna system is made up of a main metallic case 6 whose upper side is formed with a feeding point 5a, a sub metallic case 7 being a separate body, and a passive element section 8 coupled electrically with the main metallic case 6 and the sub metallic case 7. The surface of the main metallic case 6 and the sub metallic case 7 is made of a conductor such as a metal, e.g. a high frequency circuit is contained in the main metallic case 6 and a circuit connecting to the high frequency circuit is connected to the sub metallic case 7. The passive element section 8 is formed into, e.g. cylindrical shape and a chip circuit acting like a passive element and connected between the lower face of the main metallic case 6 and the upper side of the sub metallic case 7 is contained in the inside.



LEGAL STATUS

[Date of request for examination]

26.04.2000

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

3296017

[Date of registration]

12.04.2002

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's
decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office